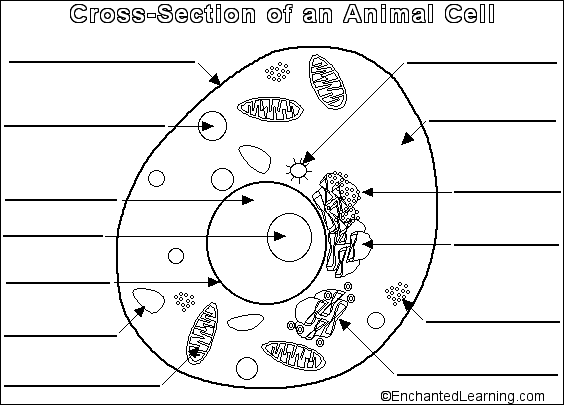
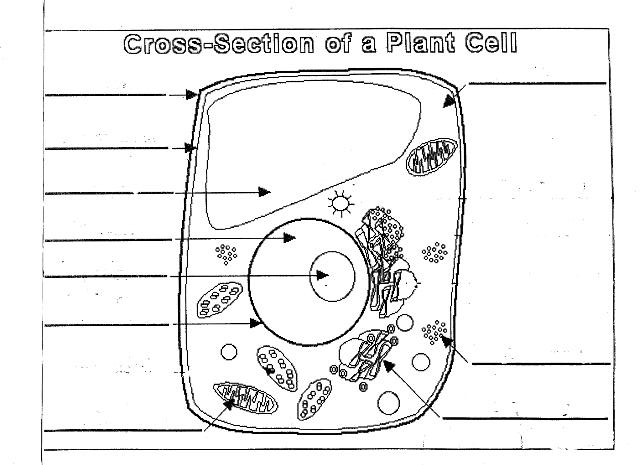
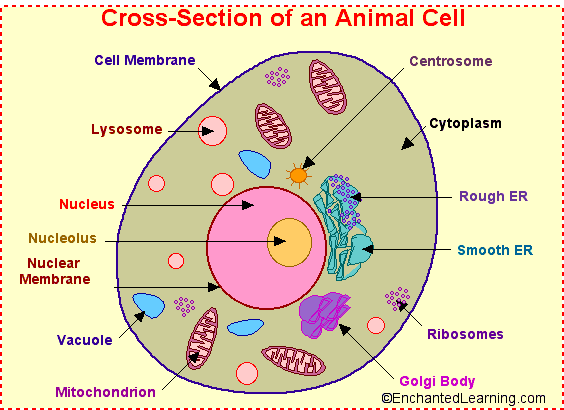
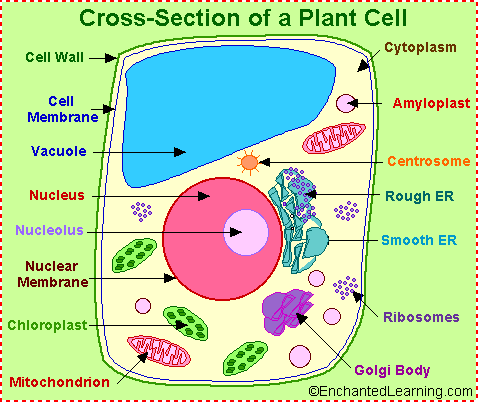
Link to both plant and animal cell simulation. <http://learn.genetics.utah.edu/content/begin/cells/insideacell/>

[](http://www.google.com.au/url?sa=i&source=images&cd=&cad=rja&docid=73woMOHZMxEUhM&tbnid=fho0CPSvHvuhRM:&ved=0CAgQjRwwAA&url=http://www.lahc.cc.ca.us/biology/bio3/mchernoff/quiz.html&ei=F9TlUe7BHor5kAXeooCwDg&psig=AFQjCNGEG_ia9ha-1qsQCggRTYFiEnUaIg&ust=1374102935541225)Worksheet to complete – Animal Cell

Worksheet to complete – Plant Cell



[](http://www.enchantedlearning.com/subjects/biology/cells/)

[](http://www.enchantedlearning.com/subjects/biology/cells/)

**Similarities between an animal and plant cell.**

Cell Membrane - a thin layer of protein and fat that surrounds the cell but that is inside the cell wall.

Nuclear Membrane - the membrane that surrounds the nucleus.

Nucleus - a spherical body containing many organelles, including the nucleolus – this controls many functions of the cell

Nucleolus - an organelle within the nucleus

Ribosomes - small organelles composed of RNA (rich cytoplasmic granules)

Rough ER - an enormous system of interconnected, membranous, infolded and convoluted sacks that are located in the cell's cytoplasm. Rough ER transports materials through the cell and produces proteins in sacks called cisternae.

Smooth ER -a vast system of interconnected, membranous, infolded and convoluted tubes that are located in the cell's cytoplasm. Smooth ER transports materials through the cell.

Mitochondrion – a to rod-shaped organelles with a double membrane